



## Curriculum mapbook

st.Sec – Second Term 2023 – 2024





## the computer preparation bookvision

The vision of the computer preparation notebook aims to raise the level of the teacher scientifically and educationally and thus raise the educational level (Technology) to be clear and contain all the capabilities that help the teacher manage the class in a appropriate atmosphere, using modern technology tools and taking into account the individual differences of the students

## the computer preparation book mission

- + Choosing and formulating various objectives (cognitive - skill - emotional), taking into account the integrity of the formulation and the individual differences of students, using modern technology methods.
- + Creating an environment that stimulates learning and creativity to raise the level of students in computer science.
- + Choosing the best educational, pedagogical and administrative strategies and training them on them and developing them
- + Choosing scientific methods and means in teaching and using technology to support and enhance And facilitating the educational process.
- + Use a presentation to explain the lesson, simplified and omprehensive, for all points of the lesson
- + Using various evaluation methods, taking into account the individual differences of students and taking into account the measurement of goals
- + Conclude the lesson in an appropriate and varied manner.

Teacher

Guider

School manager

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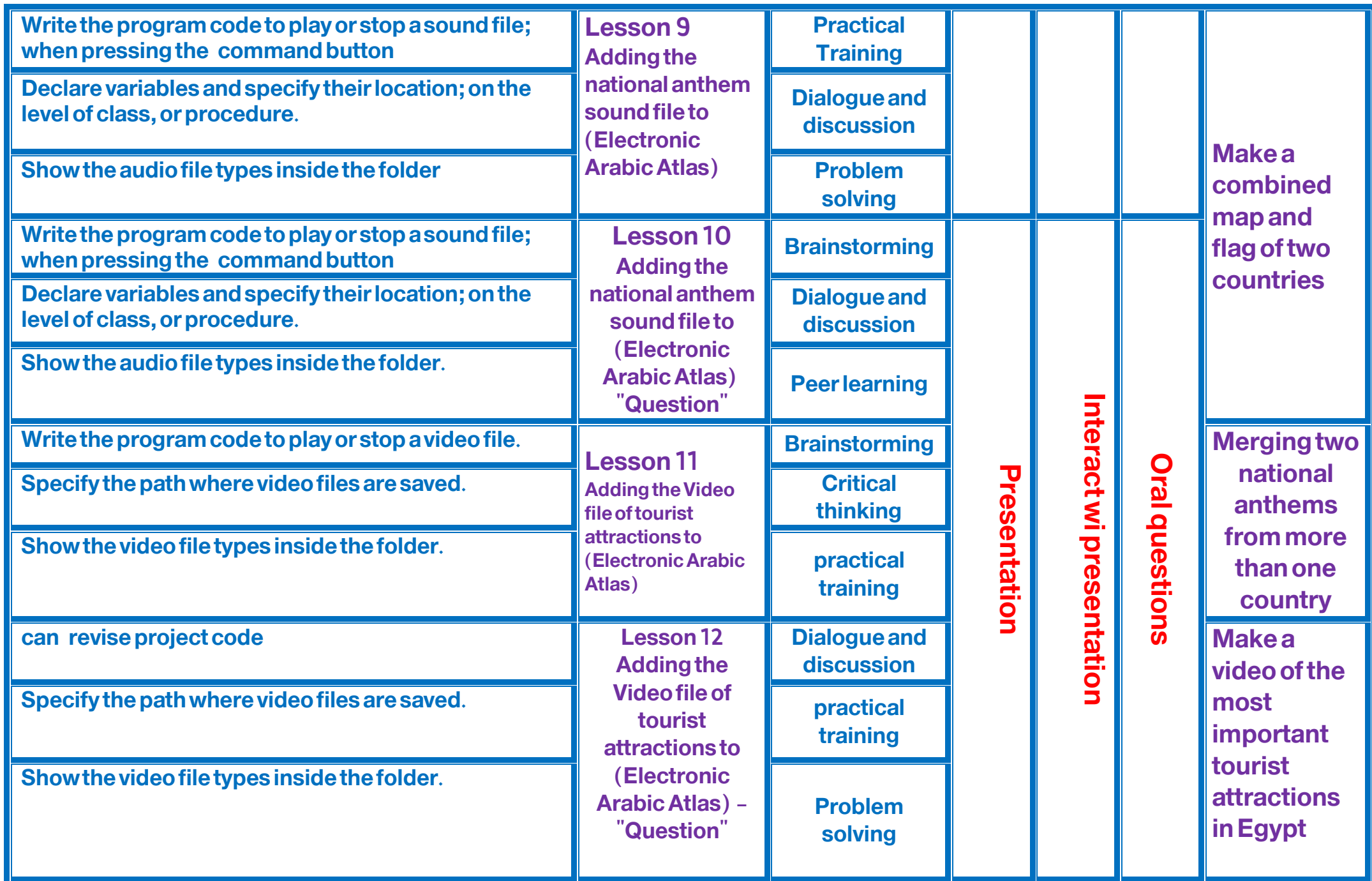
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| learning outcomes                                                                                                        | current curriculum content                                                  | Strategy                | Teachin<br>g aids       | calendar<br>methods   | Evidence<br>and<br>evidence    | activities                                                      |
|--------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|-------------------------|-------------------------|-----------------------|--------------------------------|-----------------------------------------------------------------|
| Explain what is meant by the following terms "Ado – Class – Object"                                                      | <b>Lesson 1</b><br>Reading data from an Excel sheet using Visual Basic.net  | Brainstorming           | <b>Electronic board</b> | <b>Student's Book</b> | <b>Lesson preparation book</b> | Do research on programming                                      |
| Write the code to open a communication channel.                                                                          |                                                                             | discussion –            |                         |                       |                                |                                                                 |
| Declare the variables needed to open a communication channel                                                             |                                                                             | – cooperative learning  |                         |                       |                                |                                                                 |
| Explain what is meant by the following terms "Ado – Class – Object"                                                      | <b>Lesson 2</b><br>Use the code to populate the controls                    | practical Training      |                         |                       |                                | Create complex functions using movement and repetition commands |
| Write the code to open a communication channel.                                                                          |                                                                             | Dialogue and discussion |                         |                       |                                |                                                                 |
| Declare the variables needed to open a communication channel                                                             |                                                                             | Problem solving         |                         |                       |                                |                                                                 |
| Write the code to open a communication channel.                                                                          | <b>Lesson 3</b><br>Write a code to fill in the names of the continents      | Brainstorming           |                         |                       |                                |                                                                 |
| Declare the variables needed to open a communication channel.                                                            |                                                                             | Dialogue and discussion |                         |                       |                                |                                                                 |
| Write the code for loading an Excel file into memory.                                                                    |                                                                             |                         |                         |                       |                                |                                                                 |
| Declare the variables needed to open a communication channel.                                                            | <b>:Lesson 4</b><br>Reading data from an Excel sheet using Visual Basic.net | Brainstorming           |                         |                       |                                |                                                                 |
| Write the code for loading an Excel file into memory.                                                                    |                                                                             | Critical thinking       |                         |                       |                                |                                                                 |
| Assign data in Spreadsheet' columns located in the memory, to their corresponding controls on the user interface window. |                                                                             | practical training      |                         |                       |                                |                                                                 |
|                                                                                                                          |                                                                             |                         |                         |                       |                                |                                                                 |

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|------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------|-----------------------|----------------------|-------------------------------------------------|------------------------------------------------------|
| Mention the most important term for the lesson.                                                            | <b>Lesson 5</b><br>Reading data from an Excel sheet using Visual Basic.net "Questions"          | Dialogue and discussion | <b>Student's Book</b> | <b>Students note</b> | <b>that the student did with his classmates</b> | <b>Solve all exercises practically</b>               |
| Write the code for loading an Excel file into memory.                                                      |                                                                                                 | practical training      |                       |                      |                                                 |                                                      |
| Solve the lesson's question correctly.                                                                     |                                                                                                 | Problem solving         |                       |                      |                                                 |                                                      |
| Write the code required to retrieve data from an Excel sheet.                                              | <b>Lesson 6</b><br>Writing the Project Code                                                     | cooperative learning    |                       |                      |                                                 | <b>The work of decoding codes</b>                    |
| Write the code required to display data through their corresponding controls on the user interface window. |                                                                                                 | Dialogue and discussion |                       |                      |                                                 |                                                      |
| Detects possible errors and displays the appropriate error message                                         |                                                                                                 | practical training      |                       |                      |                                                 |                                                      |
| Write the code for displaying images through the user interface controls.                                  | <b>Lesson 7</b><br>Adding the country flag and its map in (Electronic Arabic Atlas)             | Brainstorming           |                       |                      |                                                 | <b>Make a combined map and flag of two countries</b> |
| Prevent possible errors while running the program.                                                         |                                                                                                 | Dialogue and discussion |                       |                      |                                                 |                                                      |
| Show off the image file types inside the folder.                                                           |                                                                                                 | Critical thinking       |                       |                      |                                                 |                                                      |
| Write the code for displaying images through the user interface controls.                                  | <b>Lesson 8</b><br>Adding the country flag and its map in (Electronic Arabic Atlas) "Questions" | Brainstorming           |                       |                      |                                                 |                                                      |
| Prevent possible errors while running the program.                                                         |                                                                                                 | Dialogue and discussion |                       |                      |                                                 |                                                      |
| Identify the path where image files will be saved.                                                         |                                                                                                 | Problem solving         |                       |                      |                                                 |                                                      |



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|--------------------------------------------------|-----------------------|-------------------------|--|--|--|-----------|
| Identify the most important terms of the lesson. | Lesson 13<br>Revision | Peer learning           |  |  |  | Exercises |
| Solve the student's book exercises.              |                       | Dialogue and discussion |  |  |  |           |
| Write the project's code in right way.           |                       | practical training      |  |  |  |           |

